



The Midlands Low Impact Development Workshop

March 13 and 14, 2006
at the

USC's West Quad Learning Center &
Columbia Conference Center
Columbia, SC

Sponsors

SC Department of Health & Environmental Control
SC Soil and Water Conservation Society
Southeastern Environmental Solutions Inc.
Richland County
Lexington County
Clemson University Extension
USDA-Natural Resources Conservation Service
The Central Midlands Council of Governments
Lexington Soil & Water Conservation District
Richland Soil & Water Conservation District
Community Open Land Trust
The Sommer-Green Company, LLC
Cox and Dinkins, Inc.

**Early Bird Registration
Deadline February 22**
Registration Deadline March 2

www.scdhec.gov/lid

The Issues

New stormwater regulations, shrinking local government budgets, a competitive real estate market, excessive site disturbance for conventional stormwater management and the need to protect water resources present real challenges in the Midlands. Developers, local governments, water resource professionals, planners, stormwater managers, engineers and many others are faced with tough water quality and quantity management decisions. One solution to these challenges is Low Impact Development.

How Can Low Impact Development Help You?

LID can be used in the stormwater management design process to:

- ◆ Reduce development infrastructure costs
- ◆ Reduce flooding in developed areas
- ◆ Provide practices that can assist in meeting new stormwater requirements
- ◆ Enhance the aesthetics of development projects
- ◆ Lessen the impact of development on the natural environment

Workshop Overview

This hands-on workshop, presented by the Midlands Urban Conservation Committee, starts with a site visit to see and hear about LID practices that are on the ground and working at the USC's West Quad Residential Hall & Learning Center. The following morning, our LID experts will explain the why and how of making LID happen, including local policy. The afternoon agenda focuses on applying LID site and stormwater management techniques to actual design problems.

Who Should Attend:

Developers, planners, municipal and county elected officials, plan reviewers, land planners, stormwater managers, engineers, landscape architects, and other practitioners

Workshop Agenda

March 13, Monday Afternoon

The Real Deal in the Field West Quad Learning Center, USC

- 1:30 - 2:00 Check-in
- 2:00 - 2:45 Tours of LID Practices at USC's West Quad Residential Hall & Learning Center, Dr. Kirsten Dow, Director & Michael Koman, LEED AP
- 2:45 - 3:00 Break
- 3:00 - 4:00 *LID Happened! How We Got Here and Where We Are Now*
Q & A, Dr. Kirsten Dow, Director & Michael Koman, LEED AP

March 14, Tuesday

Making LID a Reality in the Midlands Columbia Conference Center

- 8:30 - 9:00 Check-in
- 9:00 - 9:15 Welcome and Introductions
- 9:15 - 9:45 *Why LID?* John R. Thomas, ASLA; AICP, Edward Pinckney & Associates, Ltd.
- 9:45 - 10:10 *SCDHEC and LID, A Regulatory Update*, Ann Clark, SCDHEC

- 10:10 - 10:25 Break
- 10:25 - 11:15 *Overcoming Local Obstacles... Making LID Happen Through Policy*, Rusty Rozzelle, Water Quality Program Manager, Mecklenburg County Land Use and Environmental Services Agency
- 11:15 - 12:00 *Show Me the Money... A Cost Comparison of LID to Conventional Stormwater Management Techniques*, Frank Hahne, PE, Project Manager Mecklenburg County Water Quality Program
- 12:00 - 1:00 Lunch (provided)
- 1:00 - 2:15 *Ready, S.E.T., Design*, Frank Hahne, PE
An afternoon of hands-on LID site design activities. Mr. Hahne will cover the Site-Design Evaluation Tool (S.E.T.), a hypothetical site design project, calculations and more.
Please bring your laptop to the afternoon sessions.
- 2:15 - 2:30 Break
- 2:30 - 3:45 Site Design continued, Frank Hahne, PE
- 3:45 - 4:15 Q & A and Wrap-up

Need to Know...

Directions: For a map of USC's West Quad Residential Hall & Learning Center go to www.sc.edu/uscmmap/. Parking information for the West Quad Learning Center will be sent to participants at a later date. For directions to the Columbia Conference Center go to www.columbiameetings.com/directions/directions.htm.

General questions: Go to www.scdhec.gov/lid or call Anne Marie Johnson at (803) 898-4187 or johnsoam@dhc.sc.gov.

Registration questions: Call Hugh Caldwell at (803) 576-2082 or hughcaldwell@richlandonline.com.

Bring your laptop for the site design project on March 14.

This workshop is funded in part through EPA's Section 319 Program administered by SCDHEC.

Registration

Name _____

Organization _____

Mailing Address _____

City _____ State _____ ZIP _____

Phone _____

E-mail _____

Registration Fees:

Early Bird --\$50 received by February 22

Regular--\$75 after February 22

Registration must be received by March 2, 2006.

Registration fee covers the March 13 LID site visit to USC's West Quad Residential Hall & Learning Center and the March 14 presentations and work sessions at the Columbia Conference Center, lunch and materials.

To help us plan for you, please check events you will be attending:

- ☐ March 13 USC's West Quad LID practices site visit
- ☐ March 14 Making LID Happen, Columbia Conference Center.

Make checks payable to SCSWCS (SC Soil & Water Conservation Society)

Mail to:

Midlands LID Workshop

SCSWCS

400 Mill Creek Road

Lexington, SC 29072

Professional Development Hours

Participants will receive a Certificate of Completion for PDH credits.